

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	269	257/E21.218	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/14 15:19
L2	1	1 and (hydrogen and helium and argon) with plasma and (via trench\$2) with (plasma with (clean\$3 treat\$4))	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/14 15:20
S1	19399	plasma with hydrogen and (reduct\$3 reduce \$1)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/15 11:33
S2	17134	plasma with hydrogen and (reduct\$3 reduce \$1) and (conduct\$3 metal)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/15 11:33
S3	1157	S2 and plasma with ash \$3	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/15 11:33
S4	1020	S3 and (insulat\$3 dielectric)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/15 11:34
S5	11	S4 and planar with antenna	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/15 11:35
S6	290	S4 and (Inductively ICP magnetron)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/15 11:35

S7	217	S4 and (Inductively ICP magnetron) with plasma	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/15 11:35
S8	281	438/475	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/15 12:14
S9	13	257/E21.212	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/15 12:24
S10	3	257/E21.213	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/15 12:24
S12	281	438/475	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/15 15:06
S13	19	S12 and plasma and ash\$3	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/15 15:06
S17	19	S13 and (metal conduct \$4)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/15 16:07
S18	215698	"438"/\$.ccls.	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/15 16:15
S19	7477	S18 and hydrogen with plasma	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/15 16:16
S20	1258	S19 and ash\$3	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/15 16:16

S21	1197	S20 and (metal conduct\$4)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/15 16:16
S24	766	S21 and densit\$4	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/15 16:17
S26	60	S24 and copper with oxide with reduc\$4	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/15 16:22
S27	60	S26 and dens\$5	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/15 16:47
S28	21	S26 and dens\$5 and ev	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/15 17:00
S29	21	S24 and copper with oxide with reduc\$4 and ev	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/15 17:06
S30	67	S21 and densit\$4 and oxide with reduc\$4 and ev	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/15 17:07
S31	46	S30 not S29	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/15 17:10
S32	215698	"438"/\$.ccls.	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/16 09:28
S33	7477	S32 and hydrogen with plasma	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/16 09:28

S34	43	S33 and ash\$3 and electron near3 temperature	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/16 09:28
S35	1258	S33 and ash\$3	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/16 09:29
S36	1197	S35 and (metal conduct \$4)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/16 09:29
S37	766	S36 and densit\$4	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/16 09:29
S38	60	S37 and copper with oxide with reduc\$4	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/16 09:29
S39	21	S38 and dens\$5 and ev	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/16 09:29
S40	42	S34 not S39	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/16 09:29
S41	22	S34 not S39 and ev	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/16 09:37
S42	3354	electron adj temperature	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 09:32
S43	207	S42 and plasma with ash\$3 and (metal contact conduct\$3)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 09:33

S45	27	S43 and antenna with planar	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 09:33
S46	3354	electron adj temperature	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 12:47
S47	207	S46 and plasma with ash\$3 and (metal contact conduct\$3)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 12:47
S48	27	S47 and antenna with planar	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 12:47
S49	14	S48 and hydrogen	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 12:47
S50	47	hydrogen with helium with argon with plasma and (metal conduct\$3 contact) with (clean\$3 treat\$3) and (metal conduct\$3 contact) with (reduced reduction) with plasma	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/03 17:26
S51	4	2003/0001277	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/03 17:29
S52	2	"20030001277"	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/03 17:30
S53	111	"6319842" "6107192" "20040134613"	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/03 15:21

S54	16	(via trench) and plasma with (hydrogen and argon and helium) and (clean\$3 treat\$3) with plasma and organic with ash\$3 with plasma	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/10 13:22
S56	169	(hydrogen and helium and argon) with plasma and (via trench \$2) with (plasma with (clean\$3 treat\$4))	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/14 13:32
S57	161	S56 and reduc\$5	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/14 13:39
S58	25	S57 and plasma with ash\$3	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/14 13:40
S59	6337	438/637	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/14 13:45
S60	568	S59 and plasma with ash\$3	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/14 13:46
S61	14	S60 and (hydrogen and helium and argon) with plasma	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/14 13:46
S62	0	((hydrogen and helium and argon) with plasma and (via trench \$2) with (plasma with (clean\$3 treat\$4)) and reduc\$5 and plasma with ash\$3).clm.	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/14 13:49
S63	2	((hydrogen and helium and argon) and plasma and (via trench\$2) and (plasma with (clean\$3 treat\$4)) and reduc\$5 and plasma with ash \$3).clm.	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/14 13:49

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